Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

10/809,500 Examiner

TAMAGAWA ET AL.

**Art Unit** 

Betelhem Shewareged

1774

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

**Appeal** Α 0 Objected

|          |                                                                                                    |                                        | <u> </u>                            |          |              |              | )        |          |                                                  | _               |  |
|----------|----------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------|----------|--------------|--------------|----------|----------|--------------------------------------------------|-----------------|--|
| Cla      | aim                                                                                                | Date                                   |                                     |          |              |              |          |          |                                                  |                 |  |
|          |                                                                                                    |                                        | Γ                                   | Γ        |              |              |          | Γ        |                                                  | П               |  |
| Final    | Original                                                                                           | 3/1/07                                 |                                     |          |              |              |          |          | ŀ                                                |                 |  |
| 🗓        | Ę                                                                                                  | 3                                      |                                     |          |              |              |          |          |                                                  | 1               |  |
|          |                                                                                                    |                                        |                                     |          |              |              |          |          |                                                  |                 |  |
|          | 1                                                                                                  | √                                      |                                     |          |              |              |          |          |                                                  |                 |  |
|          | 2                                                                                                  | √                                      |                                     |          |              |              |          |          |                                                  |                 |  |
|          | 3                                                                                                  | √                                      |                                     |          |              | L            |          | Ĺ        |                                                  |                 |  |
|          | 4                                                                                                  | V                                      |                                     |          |              |              |          |          | <u> </u>                                         |                 |  |
|          | 5                                                                                                  | ✓                                      |                                     |          |              | _            | <u> </u> | _        |                                                  | Ш               |  |
|          | 6                                                                                                  | ✓                                      | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | ᆫ        | ᆫ            |              | _        | _        |                                                  |                 |  |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8                                                               | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | <u> </u>                            | L.       | <u> </u>     | Ļ            | _        | 匚        | L                                                | Ш               |  |
|          | 8                                                                                                  | ✓                                      | <u> </u>                            | _        | _            | _            | <u> </u> | <u> </u> | L                                                | Ш               |  |
|          | 9                                                                                                  | 1                                      | _                                   | L        | ᆫ            | _            | <u> </u> | _        | _                                                | Ш               |  |
|          | 10                                                                                                 |                                        | ┡                                   | <u> </u> | <u> </u>     | -            | <u> </u> | <u> </u> | <u> </u>                                         | Ш               |  |
| L        | 11                                                                                                 | H                                      | $\vdash$                            | <u> </u> | <u> </u>     | -            | <u> </u> | ⊢        | ├-                                               | Н               |  |
|          | 12                                                                                                 |                                        |                                     | <u> </u> | ├-           | <u> </u>     | ├—       | $\vdash$ | ├—                                               | Н               |  |
|          | 13                                                                                                 | -                                      | ⊢                                   | <u> </u> | $\vdash$     | -            |          | ├—       |                                                  | Н               |  |
| <u> </u> | 14                                                                                                 |                                        | ├-                                  | -        | ⊢            | -            | ├—       | ⊢        | -                                                | $\vdash$        |  |
|          | 15                                                                                                 | $\vdash$                               | ⊢                                   | _        | $\vdash$     | $\vdash$     | ⊢        | ├        | <del> </del>                                     | $\vdash\vdash$  |  |
|          | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26 | H                                      | $\vdash$                            | <u> </u> | ├-           |              | -        | ⊢        | $\vdash$                                         | Н               |  |
|          | 10                                                                                                 | -                                      | -                                   | -        | ├            | _            | ⊢        | -        | -                                                | Н               |  |
| -        | 10                                                                                                 | -                                      | -                                   |          | ┢            |              | -        | -        | -                                                | Н               |  |
|          | 20                                                                                                 |                                        | $\vdash$                            | _        | <del> </del> | -            |          |          |                                                  | Н               |  |
|          | 21                                                                                                 |                                        | $\vdash$                            | -        | ├            | -            | -        | ⊢        | $\vdash$                                         | Н               |  |
|          | 22                                                                                                 |                                        | -                                   | _        | $\vdash$     | -            | -        | -        | -                                                | H               |  |
| _        | 23                                                                                                 | -                                      | <u> </u>                            | _        | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$                                         | Н               |  |
| $\vdash$ | 24                                                                                                 | $\vdash$                               |                                     |          | $\vdash$     | $\vdash$     | $\vdash$ | H        | $\vdash$                                         | H               |  |
|          | 25                                                                                                 |                                        | Г                                   |          |              |              |          | ┢        | ┪                                                | H               |  |
|          | 26                                                                                                 |                                        |                                     |          |              |              |          | $\vdash$ | Г                                                |                 |  |
|          | 27                                                                                                 |                                        |                                     |          |              |              |          |          |                                                  |                 |  |
|          | 28                                                                                                 |                                        |                                     |          |              |              |          |          |                                                  |                 |  |
|          | 29                                                                                                 |                                        |                                     |          |              |              | Г        |          |                                                  |                 |  |
|          | 30                                                                                                 |                                        |                                     |          |              |              |          |          |                                                  |                 |  |
|          | 31                                                                                                 |                                        |                                     |          |              |              |          |          |                                                  |                 |  |
|          | 32                                                                                                 |                                        |                                     |          |              |              |          |          |                                                  |                 |  |
|          | 27<br>28<br>29<br>30<br>31<br>32<br>33                                                             | L                                      | oxdot                               |          |              | L            |          |          | L                                                |                 |  |
|          | 34                                                                                                 | Ш                                      | <u> </u>                            |          |              |              | <u> </u> | _        | L                                                | Ш               |  |
|          | 35<br>36                                                                                           | <u> </u>                               | <u> </u>                            | L        | <u> </u>     | <u> </u>     | <u> </u> | <u> </u> | <u> </u>                                         | Щ               |  |
|          | 36                                                                                                 | _                                      | <u> </u>                            | <u> </u> | <u> </u>     | $\vdash$     | <u> </u> | <u> </u> | Щ                                                | Щ               |  |
|          | 37                                                                                                 | $\vdash$                               | <u> </u>                            | <u> </u> | _            | <u> </u>     | ▙        | ┞        | ⊢                                                | Щ               |  |
| <u> </u> | 38<br>39                                                                                           | <b> </b>                               | <u> </u>                            | _        | <u> </u>     | $\vdash$     | <u> </u> | <u> </u> | <u> </u>                                         | $\vdash \vdash$ |  |
|          |                                                                                                    | <del> </del>                           | $\vdash$                            | <u> </u> | <u> </u>     | ⊢            | ├—       | <u> </u> | -                                                | $\vdash \vdash$ |  |
|          | 40                                                                                                 |                                        | _                                   | -        | _            | <u> </u>     | <u> </u> | <u> </u> | <del> </del>                                     | $\vdash \vdash$ |  |
|          | 41<br>42                                                                                           | $\vdash$                               | Ŀ                                   | -        |              | -            | -        | <u> </u> | $\vdash$                                         | $\vdash \vdash$ |  |
| -        | 42                                                                                                 | $\vdash$                               | $\vdash$                            | <u> </u> | H            | <del> </del> | $\vdash$ | $\vdash$ | <del>                                     </del> | $\vdash \vdash$ |  |
|          | 44                                                                                                 | -                                      | -                                   | -        | <u> </u>     | <u> </u>     | $\vdash$ | $\vdash$ | $\vdash$                                         | Н               |  |
|          | 45                                                                                                 | $\vdash$                               | -                                   | -        | H            | <b>.</b>     | ├        | $\vdash$ | <del> </del>                                     | $\vdash \vdash$ |  |
|          | 46                                                                                                 | $\vdash$                               | $\vdash$                            |          | -            |              | $\vdash$ | $\vdash$ | -                                                | $\vdash \vdash$ |  |
|          | 47                                                                                                 | Н                                      | $\vdash$                            | -        |              | $\vdash$     | $\vdash$ | $\vdash$ | -                                                | $\vdash \vdash$ |  |
|          | 48                                                                                                 | Н                                      | <del>-</del>                        | -        | -            | -            | $\vdash$ | H        | $\vdash$                                         | Н               |  |
|          | 49                                                                                                 | $\vdash$                               | H                                   | -        | -            | $\vdash$     | $\vdash$ |          | $\vdash$                                         | Н               |  |
| $\vdash$ | 50                                                                                                 | Н                                      | H                                   | _        | -            |              | $\vdash$ |          | $\vdash$                                         | Н               |  |
|          |                                                                                                    |                                        |                                     | . '      |              |              |          |          |                                                  |                 |  |

| Cla           | im       | Γ        |          |          | _            | Date     |          |          |              |          | ۱ ( | Claim Date |          |                 |          |   |          |          |          |          | $\neg$   |                |
|---------------|----------|----------|----------|----------|--------------|----------|----------|----------|--------------|----------|-----|------------|----------|-----------------|----------|---|----------|----------|----------|----------|----------|----------------|
|               |          | $\vdash$ |          | Т        |              | <u> </u> | Ť        | г        | Γ-           | Γ-       | 1 1 | J.6        |          | Η-              |          |   |          | 7011     | Ť        |          |          | $\overline{}$  |
| Final         | Original | 3/1/07   |          |          |              |          |          |          |              |          |     | Final      | Original |                 |          |   |          |          |          |          |          |                |
|               | 1        | <b>√</b> |          |          |              |          |          | $\vdash$ |              |          | 1 1 |            | 51       | П               |          |   |          |          |          |          | _        |                |
|               | 2        | V        |          |          |              |          |          | i –      |              | -        | i i |            | 52       | H               | _        |   |          |          |          | П        |          |                |
|               | 3        | √        |          | Г        |              |          | $\vdash$ | Т        | Г            |          | 1 1 |            | 53       | П               |          |   |          |          |          |          |          |                |
|               | 4        | V        |          |          |              |          |          | Г        |              |          | i I |            | 54       | П               |          |   |          |          |          |          |          |                |
|               | 5        | 1        |          |          |              |          |          |          |              |          | 1 1 |            | 55       |                 |          |   |          |          |          |          |          |                |
|               | 6        | 1        |          |          |              |          | Г        |          |              |          |     |            | 56       |                 |          |   |          |          |          |          |          |                |
|               | 7        | 1        |          | Г        |              |          |          |          | Г            |          | 1   |            | 57       | П               |          |   |          |          |          |          |          | П              |
|               | 8        | 1        |          |          |              |          | Γ        | Г        |              |          | 1   |            | 58       | П               |          |   |          |          | П        |          | П        |                |
|               | 9        | 1        |          |          |              |          |          |          |              | П        | 1   |            | 59       | П               |          |   |          |          |          |          |          |                |
|               | 10       |          |          |          |              |          |          |          |              |          |     |            | 60       |                 |          |   |          |          |          |          |          |                |
|               | 11       |          |          |          |              |          |          |          |              |          |     |            | 61       |                 |          |   |          |          |          |          |          |                |
|               | 12       |          |          |          |              |          |          |          |              |          |     |            | 62       |                 |          |   |          |          |          |          |          |                |
|               | 13       |          |          |          |              |          |          |          |              |          |     |            | 63       |                 |          |   |          |          |          |          |          |                |
|               | 14       |          |          |          |              |          |          |          |              |          |     |            | 64       |                 |          |   |          |          |          |          |          |                |
|               | 15       |          |          |          |              |          |          |          |              |          |     |            | 65       |                 |          |   |          |          |          |          |          |                |
|               | 16       |          |          |          |              |          |          |          |              |          |     |            | 66       |                 |          |   |          |          |          |          |          |                |
|               | 17       |          |          |          |              |          |          |          |              |          |     |            | 67       |                 |          |   |          |          |          |          |          |                |
|               | 18       |          |          |          |              |          |          |          |              |          |     |            | 68       |                 |          |   |          |          |          |          |          |                |
|               | 19       |          |          |          |              |          |          |          | <u> </u>     |          |     |            | 69       |                 |          |   |          |          |          |          |          |                |
|               | 20       |          |          |          |              |          | L        |          | _            |          |     |            | 70       |                 |          |   |          |          |          |          |          |                |
|               | 21       |          |          |          |              |          |          |          |              |          |     |            | 71       |                 |          |   |          |          |          |          |          |                |
|               | 22       |          |          |          | L            | <u> </u> |          |          |              |          |     |            | 72       |                 |          |   |          |          |          |          |          |                |
|               | 23       |          |          |          | _            | L        | L        |          | L            |          |     |            | 73       |                 |          |   |          |          |          |          |          |                |
|               | 24       | Ш        |          |          |              |          |          | L        | _            |          |     |            | 74       |                 |          |   |          |          |          |          |          |                |
|               | 25       |          |          |          |              |          |          | _        | L            | L        |     |            | 75       | Ш               |          |   |          |          |          | _        | Ш        |                |
|               | 26       |          |          |          |              |          | L        | L        |              | L        |     |            | 76       | Ш               |          |   |          |          | L        |          |          |                |
|               | 27       |          |          |          |              |          | ┖        | _        |              | L        | ļļ  |            | 77       | Ш               |          |   |          |          |          |          |          |                |
|               | 28       |          | _        |          |              | _        | <u> </u> | _        | _            | _        | ] ] |            | 78       | Ш               |          |   |          | _        |          |          |          | Ш              |
|               | 29       |          |          |          |              |          | L        |          | <u> </u>     |          |     |            | 79       |                 |          |   |          |          | _        | _        |          | Ш              |
|               | 30       |          |          |          |              |          | L        | _        | _            |          |     |            | 80       |                 |          |   |          |          |          | _        |          |                |
|               | 31       |          |          |          |              | _        | <u> </u> | ᆫ        | _            | _        |     |            | 81       | Ш               |          |   |          |          | _        |          |          | Щ              |
|               | 32       | _        | _        |          | _            | _        | ᆫ        | <u> </u> | _            | <u>L</u> |     |            | 82       | Ш               |          |   |          |          |          | _        |          |                |
|               | 33       | Ш        | _        |          |              | <u>L</u> | _        | _        | L_           | L_       |     |            | 83       |                 |          |   |          |          |          |          |          |                |
|               | 34       | Щ        | _        | _        | <u> </u>     | ┕        | <u> </u> | _        | L            | L        |     |            | 84       | L               |          |   |          |          |          |          |          |                |
| ,             | 35       | _        | _        | _        | <u> </u>     | <u> </u> | <u> </u> | <u> </u> | <u> </u>     | <u> </u> |     |            | 85       | Ш               |          |   |          | _        | _        | _        |          |                |
| _             | 36       |          | <u> </u> | L        | Ŀ            | ╙        | ╙        | <u> </u> | ┞            | <u> </u> |     |            | 86       | Ш               |          |   |          | _        |          |          |          |                |
|               | 37       | Н        | _        | H        | _            | <u> </u> | ┡        | ┡        | ┡            | -        |     |            | 87       | Н               |          |   | _        |          |          |          |          | Щ              |
| $\rightarrow$ | 38       | _        | <u> </u> | $\vdash$ | <u> </u>     | <u> </u> | ⊢        | _        | <u> </u>     | <b> </b> |     |            | 88       | -               |          | _ |          | _        |          |          |          | Н              |
|               | 39<br>40 | Н        | -        | -        |              | <u> </u> | <u> </u> | ├        | ├-           | <u> </u> | ┨   |            | 89<br>90 | -               |          |   | _        | -        |          | $\vdash$ |          | $\vdash$       |
| -             |          | $\vdash$ | <u> </u> |          | <u> </u>     | ⊢        | $\vdash$ | _        | <del> </del> | ├        | ┨   |            |          | _               | _        |   |          | -        | _        |          |          | -              |
| 1             | 41<br>42 | Н        |          | -        |              | -        | -        | -        | $\vdash$     | -        |     |            | 91<br>92 | Н               | _        | _ |          | _        |          |          |          | H              |
| -             | 43       |          |          | $\vdash$ | _            | -        | -        |          | ⊢            | ⊢        | 1   |            | 93       | Н               |          |   | _        | _        | _        | _        |          | Н              |
| $\dashv$      | 44       | Н        | -        | $\vdash$ | _            | ┝        | $\vdash$ | $\vdash$ | ⊢            | ⊢        | 1   |            |          | Н               |          |   | _        | _        | _        | _        | _        | Н              |
|               | 45       | $\vdash$ | $\vdash$ | -        | <del> </del> | ┝        | ├-       | $\vdash$ | ⊢            | ├        |     |            | 94<br>95 | $\vdash \vdash$ |          | - | $\vdash$ | <u> </u> | -        | $\vdash$ |          | $\vdash$       |
| $\dashv$      | 46       | $\vdash$ | $\vdash$ | -        | -            | ├        | $\vdash$ | $\vdash$ | -            | $\vdash$ |     |            | 96       | H               |          | - | $\vdash$ |          | $\vdash$ |          |          | $\vdash$       |
| $\dashv$      | 47       | $\vdash$ | -        | $\vdash$ | -            | $\vdash$ | $\vdash$ | -        | -            | $\vdash$ |     |            | 97       | $\vdash$        | $\dashv$ |   | $\vdash$ | H        |          | _        | Н        | $\vdash$       |
| -             | 48       | $\vdash$ |          | -        | _            | -        | -        |          | <del> </del> | $\vdash$ |     |            | 98       | $\dashv$        | -        |   |          | _        | $\vdash$ |          |          | $\vdash$       |
| $\dashv$      | 49       | $\vdash$ | -        | <u> </u> | -            | $\vdash$ | $\vdash$ | -        | <del> </del> | $\vdash$ |     | _          | 99       | $\vdash$        |          |   | Н        | -        | Н        | -        | $\vdash$ | $\dashv$       |
|               | 50       | $\dashv$ | -        | _        | -            |          | $\vdash$ |          | <del> </del> |          |     |            | 100      | $\vdash$        | $\dashv$ | _ | $\vdash$ |          | $\vdash$ | -        | -        | $\vdash\vdash$ |
|               | 50       |          |          |          | L            | L        |          | L_       | Щ            | Ц        | ıl  |            | 100      | ш               |          |   | ш        |          | ш        |          |          | لـــا          |

| Claim |                                                                    | Date     |                                                  |              |          |                                     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |          |   |  |
|-------|--------------------------------------------------------------------|----------|--------------------------------------------------|--------------|----------|-------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------|---|--|
|       |                                                                    |          |                                                  |              |          |                                     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |          | l |  |
| ğ     | Original                                                           |          |                                                  |              |          |                                     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |          | l |  |
| Final | rig                                                                |          |                                                  |              |          |                                     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  | 1        | l |  |
|       |                                                                    | ١, ١     |                                                  |              |          |                                     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |          | l |  |
|       | 101<br>102<br>103                                                  |          |                                                  |              |          |                                     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |          |   |  |
|       | 102                                                                |          |                                                  |              |          | Г                                   | П                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  | Г        | l |  |
|       | 103                                                                |          |                                                  |              |          |                                     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |          | ١ |  |
|       | 104                                                                |          |                                                  |              |          |                                     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |          | l |  |
|       | 104<br>105                                                         |          |                                                  |              |          |                                     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |          |   |  |
|       | 106                                                                |          |                                                  |              |          |                                     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |          | l |  |
|       | 107                                                                |          |                                                  |              |          |                                     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |          | l |  |
|       | 108                                                                |          |                                                  |              |          |                                     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |          | Ì |  |
|       | 109                                                                |          |                                                  |              |          |                                     |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |          | l |  |
|       | 108<br>109<br>110                                                  |          |                                                  |              |          | L                                   |                                                  | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  | L        | l |  |
|       | 111                                                                |          |                                                  |              |          | L.                                  | _                                                | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  | _        | Į |  |
|       | 111<br>112<br>113                                                  | _        | _                                                |              |          | _                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <u> </u>                                         |          | Į |  |
|       | 113                                                                |          |                                                  |              |          | L_                                  |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  | _        | I |  |
|       | 114                                                                | L        | <u> </u>                                         | L            | <u> </u> | L_                                  | L_                                               | L_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u> </u>                                         | <u> </u> | Į |  |
|       | 115                                                                | L_       | Щ                                                |              |          | L.                                  |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _                                                | L_       | l |  |
|       | 116                                                                |          | lacksquare                                       | L_           | L        |                                     |                                                  | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | L_                                               | <u> </u> | l |  |
|       | 114<br>115<br>116<br>117                                           | <u> </u> | <u> </u>                                         | L            | <u> </u> | <u> </u>                            |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  | <u> </u> | ļ |  |
|       | 118<br>119<br>120<br>121                                           | <u>_</u> | <u> </u>                                         | L            |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>                                         | L_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                  | <u> </u> | l |  |
|       | 119                                                                | _        | $oxed{oxed}$                                     |              | L        | _                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  | _        | l |  |
|       | 120                                                                |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |              |          | <u> </u>                            | ㄴ                                                | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{le}}}}}}}} $ |                                                  | <u> </u> | Į |  |
|       | 121                                                                | _        | <u> </u>                                         |              |          | <u> </u>                            | <u> </u>                                         | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  | _        | l |  |
|       | 122                                                                | _        | <u> </u>                                         | _            |          | L                                   | <u> </u>                                         | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  | _        | Į |  |
|       | 123                                                                | _        | L                                                |              | _        | <u> </u>                            | <u> </u>                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  | _        | l |  |
|       | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 |          | <u> </u>                                         | _            |          | <u> </u>                            | ╙                                                | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  | L_       | l |  |
|       | 125                                                                | _        |                                                  | _            | _        | <u> </u>                            | _                                                | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | _                                                | _        | ł |  |
|       | 126                                                                | _        |                                                  |              | _        | <u> </u>                            | <u> </u>                                         | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |          | ł |  |
|       | 127                                                                | _        | -                                                | _            | _        | <u> </u>                            | -                                                | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | _                                                | <u> </u> | ł |  |
|       | 128                                                                |          | $\vdash$                                         | _            | _        | -                                   | -                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  | -        | ł |  |
|       | 129                                                                | _        | -                                                | _            |          | H                                   | $\vdash$                                         | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | _                                                | $\vdash$ | ł |  |
|       | 130                                                                | _        | ⊢                                                | _            | _        |                                     | -                                                | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | _                                                | _        | ł |  |
|       | 131                                                                | _        | $\vdash$                                         | _            | _        |                                     | -                                                | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  | -        | ł |  |
|       | 132                                                                |          | -                                                |              |          | <del> </del>                        | ⊢                                                | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  | ┝        | ł |  |
|       | 133<br>134                                                         | -        | $\vdash$                                         | Н            | <u> </u> | -                                   | <del> </del>                                     | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\vdash$                                         |          | l |  |
|       | 135                                                                | $\vdash$ | $\vdash$                                         | H            | $\vdash$ | $\vdash$                            | $\vdash$                                         | <del> </del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$                                         | $\vdash$ | l |  |
|       | 136                                                                | $\vdash$ | $\vdash$                                         | <u> </u>     | $\vdash$ | $\vdash$                            | $\vdash$                                         | ⊢                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | $\vdash$                                         | -        | ١ |  |
|       | 136<br>137<br>138                                                  |          | $\vdash$                                         | —            | $\vdash$ | $\vdash$                            | $\vdash$                                         | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\vdash$                                         | $\vdash$ | l |  |
|       | 138                                                                | Η-       | $\vdash$                                         | <u> </u>     | $\vdash$ | $\vdash$                            | $\vdash$                                         | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                | $\vdash$ | l |  |
|       | 139                                                                | _        | $\vdash$                                         | _            | $\vdash$ | ┢┈╴                                 | $\vdash$                                         | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                | -        | I |  |
|       | 139<br>140                                                         |          | <del>                                     </del> | <del> </del> | $\vdash$ | $\vdash$                            | -                                                | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <del>                                     </del> | $\vdash$ | ١ |  |
|       | 141                                                                |          | $\vdash$                                         |              |          | $\vdash$                            | $\vdash$                                         | Ι                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  | $\vdash$ | ١ |  |
|       | 142                                                                |          |                                                  |              | $\vdash$ | $\vdash$                            | $\vdash$                                         | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\vdash$                                         | $\vdash$ | l |  |
|       | 143                                                                |          |                                                  | $\vdash$     |          | $\vdash$                            | -                                                | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <u> </u>                                         |          | ١ |  |
|       | 144                                                                |          |                                                  | $\vdash$     | -        |                                     | <del>                                     </del> | Т                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <u> </u>                                         | $\vdash$ | ١ |  |
|       | 145                                                                |          |                                                  | $\vdash$     |          |                                     | $\vdash$                                         | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\vdash$                                         | $\vdash$ | ١ |  |
|       | 146                                                                |          | $\vdash$                                         |              | $\vdash$ | Н                                   | $\vdash$                                         | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\vdash$                                         | <u> </u> | ١ |  |
|       | 147                                                                |          |                                                  |              | -        | Н                                   |                                                  | <del>                                     </del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <del>                                     </del> | <u> </u> | ١ |  |
|       | 148                                                                | $\vdash$ |                                                  | Н            | $\vdash$ | -                                   | Н                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | $\vdash$                                         | $\vdash$ | ١ |  |
|       | 149                                                                |          | $\vdash$                                         |              | $\vdash$ | $\vdash$                            | Н                                                | Н                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ι                                                | $\vdash$ | ١ |  |
|       | 150                                                                |          |                                                  |              |          | Н                                   |                                                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                |          | ١ |  |
|       | , 50                                                               |          | Щ.                                               | L            |          | L                                   | L                                                | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |          | į |  |